

Attorney's Docket No. 33339/138407



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PATENT
10-31-02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Joel Sternheimer
Appl. No.: 09/320,637
Filed: May 26, 1999
For: METHOD FOR THE REGULATION
OF PROTEIN BIOSYNTHESIS

Confirmation No.: 5047
Group Art Unit: 1631
Examiner: James Martinell

October 15, 2002

Commissioner for Patents
Washington, DC 20231

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AMENDMENT

Sir:

In response to the Office Action mailed April 16, 2002 and having a three month period for response, said period having been extend, please amend the above-identified application as follows:

In The Claims:

13. (Once Amended) A method for epigenetic regulation of protein biosynthesis *in situ* by scale resonance comprising

A. determining the amino acid sequence of a protein, then the sequence of musical notes corresponding to said amino acid sequence, through decoding and transposition into sound of temporal sequences of quantum vibrations associated to its elongation, by operating as follows:

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(a) determining the proper frequency of each amino acid in its free state, equal to its mass multiplied by the square of the speed of light in vacuum and divided by Planck's constant; then minimizing the global harmonic distance between all the possible pairs of amino acids as a function of their proportion in environing transfer RNA population to which said amino acids are bound, by setting the condition that the displacement of the